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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/820,440	
			Filing Date	April 5, 2004	
			First Named Inventor	Gardner, James	
			Art Unit	2153	
			Examiner Name	Not Yet Assigned <i>Kabir Timory</i>	
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U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS								
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KT	AA	BANGERTER, Boyd et al.; "High-Throughput Wireless LAN Air Interface"; 2003, <u>Intel Technology Journal</u> , Vol. 7, No. 3, pp. 47-57.	
KT	AB	BOER, Jan et al.; "Backwards compatibility: How to make a MIMO-OFDM system backwards compatible and coexistence with 11a/g at the link level"; 2003, <u>IEEE 802.11-03/714r0</u> , slides 1-26.	
KT	AC	LARSSON, Erik G. et al.; "Preamble Design for Multiple-Antenna OFDM-Based WLANs With Null Subcarriers"; 2001, <u>IEEE Signal Processing Letters</u> , 8:11: 285-288.	
KT	AD	LI, Ye G. et al.; "Channel Estimation for OFDM Systems with Transmitter Diversity in Mobile Wireless Channels"; 1999, <u>IEEE J. Select Areas Commun.</u> , 17: 461-471.	
KT	AE	NEGI, Rohit et al.; "Pilot Tone Selection for Channel Estimation in a Mobile OFDM System"; 1998, <u>IEEE Trans. Consumer Electron.</u> , 44: 1122-1128.	
KT	AF	TUNG, Tai-Lai et al.; "Channel Estimation and Adaptive Power Allocation for Performance and Capacity Improvement of Multiple-Antenna OFDM Systems"; 2001, <u>Proc. IEEE Signal Processing Workshop on Signal Processing Advances in Wireless Comm.</u> 82-85.	
KT	AG	VAN NEE, Richard et al.; "New High-Rate Wireless LAN Standards"; 1999, <u>IEEE Commun.</u> 37: 82-88.	

Examiner Signature	/Kabir Timory/	Date Considered	04/30/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.